



Australia and New Zealand

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Book:	Climate Change 2007: Impacts, Adaptation and Vulnerability. Contribution of Working Group II to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change
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Abstract:

The region is defined here as the lands and territories of Australia and New Zealand. It includes their outlying tropical, mid-latitude and sub-Antarctic islands and the waters of their Exclusive Economic Zones. New Zealand's population was 4.1 million in 2006, growing by 1.6%/yr (Statistics New Zealand, 2006). Australia's population was 20.1 million in 2004, growing by 0.9%/yr (ABS, 2005a). Many of the social, cultural and economic aspects of the two countries are comparable. Both countries are relatively wealthy and have export-based economies largely dependent on natural resources, agriculture, manufacturing, mining and tourism. Many of these are climatically sensitive.

Source: <http://www.ipcc.ch/pdf/assessment-report/ar4/wg2/ar4-wg2-chapter11.pdf>

Resource Description

Climate Scenario :

specification of climate scenario (set of assumptions about future states related to climate)

Special Report on Emissions Scenarios (SRES)

Special Report on Emissions Scenarios (SRES) Scenario: SRES A1, SRES A2, SRES B1, SRES B2

Exposure :

weather or climate related pathway by which climate change affects health

Air Pollution, Ecosystem Changes, Extreme Weather Event, Food/Water Quality, Food/Water Security, Food/Water Security, Glacier/Snow Melt, Human Conflict/Displacement, Precipitation, Sea Level Rise, Temperature, Other Exposure

Air Pollution: Other Air Pollution

Air Pollution (other): Smoke

Extreme Weather Event: Drought, Flooding, Hurricanes/Cyclones, Landslides, Wildfires

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Food/Water Quality: Biotoxin/Algal Bloom, Other Water Quality Issue

Water Quality (other): Salination; Sea Surface Temperature

Food/Water Security: Agricultural Productivity, Fisheries, Livestock Productivity

Temperature: Extreme Cold, Extreme Heat, Fluctuations

Other Exposure: snow cover; soil moisture

Geographic Feature: 

resource focuses on specific type of geography

Freshwater, Mountain, Ocean/Coastal, Rural, Other Geographical Feature

Other Geographical Feature : Forests

Geographic Location: 

resource focuses on specific location

Non-United States

Non-United States: Australasia

Health Impact: 

specification of health effect or disease related to climate change exposure

Infectious Disease, Injury, Mental Health/Stress, Morbidity/Mortality, Respiratory Effect, Other Health Impact

Infectious Disease: Foodborne/Waterborne Disease, General Infectious Disease, Vectorborne Disease

Foodborne/Waterborne Disease: General Foodborne/Waterborne Disease, Other Diarrheal Disease

Vectorborne Disease: Mosquito-borne Disease

Mosquito-borne Disease: Dengue, Ross River Virus

Mental Health Effect/Stress: Other Mental Disorder

Respiratory Effect: Asthma

Other Health Impact: Heat stress

Mitigation/Adaptation: 

mitigation or adaptation strategy is a focus of resource

Adaptation

Model/Methodology: 

type of model used or methodology development is a focus of resource

Exposure Change Prediction

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Population of Concern: A focus of content

Population of Concern: ☒

populations at particular risk or vulnerability to climate change impacts

Racial/Ethnic Subgroup

Other Racial/Ethnic Subgroup: Indigenous populations; Coastal populations

Resource Type: ☒

format or standard characteristic of resource

Review

Socioeconomic Scenario: SES scenarios

Timescale: ☒

time period studied

Long-Term (>50 years)

Vulnerability/Impact Assessment: ☒

resource focus on process of identifying, quantifying, and prioritizing vulnerabilities in a system

A focus of content